RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _09/904,532B_

Source: _/FW/6_

Date Processed by STIC: _6/16/05_

ENTERED

RAW SEQUENCE LISTING   DATE: 06/16/2005
PATENT APPLICATION: US/09/904,532B   TIME: 11:53:49

Input Set : A:\CORRECTED SEQUENCE LISTING FROM 10466.14
01.29.02P1618P2C1.txt
Output Set: N:\CRF4\06162005\I904532B.raw


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 3 <110> APPLICANT: Genentech, Inc.
 4        Ashkenazi, Avi
 5        Botstein, David
 6        Desnoyers, Luc
 7        Eaton, Dan L.
 8        Ferrara, Napoleone
 9        Filvaroff, Ellen
10        Fong, Sherman
11        Gao, Wei-Qiang
12        Gerber, Hanspeter
13        Gerritsen, Mary E.
14        Goddard, A.
15        Godowski, Paul J.
16        Grimaldi, Christopher J.
17        Gurney, Austin L.
18        Hillan, Kenneth, J.
19        Kljavin, Ivar J.
20        Mather, Jennie P.
21        Pan, James
22        Paoni, Nicholas F.
23        Roy, Margaret Ann
24        Stewart, Timothy A.
25        Tumas, Daniel
26        Williams, P. Mickey
27        Wood, William, I.
29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
30        Acids Encoding the Same
32 <130> FILE REFERENCE: 10466-14
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C--> 34 `<140> CURRENT APPLICATION NUMBER: US/09/904,532B`
C--> 35 `<141> CURRENT FILING DATE: 2001-07-13`
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37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
38 <151> PRIOR FILING DATE: 2000-02-22
40 <150> PRIOR APPLICATION NUMBER: US 60/143,048
41 <151> PRIOR FILING DATE: 1999-07-07
43 <150> PRIOR APPLICATION NUMBER: US 60/145,698
44 <151> PRIOR FILING DATE: 1999-07-26
46 <150> PRIOR APPLICATION NUMBER: US 60/146,222
47 <151> PRIOR FILING DATE: 1999-07-28
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
50 <151> PRIOR FILING DATE: 1999-09-08
52 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
53 <151> PRIOR FILING DATE: 1999-09-13
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
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 58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547
 59 <151> PRIOR FILING DATE: 1999-09-15
 61 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
 62 <151> PRIOR FILING DATE: 1999-10-05
 64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
 65 <151> PRIOR FILING DATE: 1999-11-29
 67 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
 68 <151> PRIOR FILING DATE: 1999-11-30
 70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
 71 <151> PRIOR FILING DATE: 1999-12-02
 73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
 74 <151> PRIOR FILING DATE: 1999-12-02
 76 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
 77 <151> PRIOR FILING DATE: 1999-12-16
 79 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
 80 <151> PRIOR FILING DATE: 1999-12-20
 82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
 83 <151> PRIOR FILING DATE: 1999-12-20
 85 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
 86 <151> PRIOR FILING DATE: 2000-01-05
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 93 <212> TYPE: DNA
 94 <213> ORGANISM: Homo sapiens
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 99 cccgcagcgc tacccgccat gcgcctgccg cgccgggccg cgctggggct cctgccgctt 180
100 ctgctgctgc tgccgcccgc gccggaggcc gccaagaagc cgacgccctg ccaccggtgc 240
101 cggggctgg tggacaagtt taaccagggg atggtggaca ccgcaaagaa gaactttggc 300
102 ggcgggaaca cggcttggga ggaaaagacg ctgtccaagt acgagtccag cgagattcgc 360
103 ctgctggaga tcctggaggg gctgtgcgag agcagcgact tcgaatgcaa tcagatgcta 420
104 gaggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
105 ttattcgagt ggtttgtgt gaagacactg aaagtgtgct gctctccagg aacctacggt 540
106 cccgactgtc tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
107 agcggagatg ggagcagaca gggcgacggg tcctgccggt gccacatggg gtaccagggc 660
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112 acgtgcgaag agtgtgactc cagctgtgtg ggctgcacag gggaaggccc aggaaactgt 960
113 aaagagtgta tctctggcta cgcgagggag cacggacagt gtgcagatgt ggacgagtgc 1020
114 tcactagcag aaaaaacctg tgtgaggaaa acgaaaact gctacaatac tccagggagc 1080
115 tacgtctgtg tgtgtcctga cggcttcgaa gaaacggaag atgcctgtgt gccgccggca 1140
116 gaggctgaag ccacagaagg agaaagcccg acacagctgc cctcccgcga agacctgtaa 1200
117 tgtgccggac ttacccttta aattattcag aaggatgtcc cgtggaaaat gtggccctga 1260
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120 ttgatacagt tctttgtaat aaaattgacc attgtaggta atcaggagga aaaaaaaaaa 1440
121 aaaaaaaaaa aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
122 gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
123 cacaaataaa gcattttttt cactgcattc tagttgtggt ttgtccaaac tcatcaatgt 1620
124 atcttatcat gtctggatcg ggaattaatt cggcgcagca ccatggcctg aaataacctc 1680
125 tgaaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
126 tcagttaggg tgtggaaagt ccccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
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130 <211> LENGTH: 353
131 <212> TYPE: PRT
132 <213> ORGANISM: Homo sapiens
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138 Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
139              20                  25                  30
141 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
142          35                  40                  45
144 Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
145      50                  55                  60
147 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
148  65                  70                  75                  80
150 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
151                  85                  90                  95
153 Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
154              100                 105                 110
156 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
157          115                 120                 125
159 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
160          130                 135                 140
162 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
163 145                 150                 155                 160
165 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
166              165                 170                 175
168 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
169              180                 185                 190
171 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
172          195                 200                 205
174 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
175      210                 215                 220
177 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
178 225                 230                 235                 240
180 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
181              245                 250                 255
183 Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
184              260                 265                 270
186 Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys
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01.29.02P1618P2C1.txt
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187           275              280              285
189 Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys
190      290              295              300
192 Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro
193 305              310              315              320
195 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
196              325              330              335
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199      340              345              350
201 Leu
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205 <211> LENGTH: 2206
206 <212> TYPE: DNA
207 <213> ORGANISM: Homo sapiens
209 <400> SEQUENCE: 3
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212 aacagccctg gctgagggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
213 ggtgcggcac gaggagtttt cccggcagcg aggaggtcct gagcagcatg gcccggagga 240
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215 gggcggaggc cgggccgccg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
216 caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
217 cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
218 attccatgaa ttttacctgg caagctgcag ggcaggcaga atacttctat gaattcctgt 540
219 ccttgcgctc cctggataaa ggcatcatgg cagatccaac cgtcaatgtc cctctgctgg 600
220 gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt ggaaaacagg 660
221 atggggtggc agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720
222 tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
223 ggtgccgaaa tggaggcttt tgtaatgaaa gacgcatctg cgagtgtcct gatgggttcc 840
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225 tgactcctgg tttctgcatc tgcccacctg gattctatgg agtgaactgt gacaaagcaa 960
226 actgctcaac cacctgcttt aatggaggga cctgtttcta ccctggaaaa tgtatttgcc 1020
227 ctccaggact agagggagag cagtgtgaaa tcagcaaatg cccacaaccc tgtcgaaatg 1080
228 gaggtaaatg cattggtaaa agcaaatgta agtgttccaa aggttaccag ggagacctct 1140
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231 tcatacatgc cctgaggcca gcaggcgccc agctcaggca gcacacgcct tcacttaaaa 1320
232 aggccgagga gcggcgggat ccacctgaat ccaattacat ctggtgaact ccgacatctg 1380
233 aaacgtttta agttacacca agttcatagc ctttgttaac ctttcatgtg ttgaatgttc 1440
234 aaataatgtt cattcacttt aagaatactg gcctgaattt tattagcttc attataaatc 1500
235 actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag catgatggta 1560
236 tagattttct tgtttcagtg ctttgggaca gatttatat tatgtcaatt gatcaggtta 1620
237 aaattttcag tgtgtagttg gcagatattt tcaaaattac aatgcattta tggtgtctgg 1680
238 gggcagggga acatcagaaa ggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg 1740
239 atggtgcagt taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
240 ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata tattttgacc 1860
241 ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttacactgtg gtagtggcat 1920
242 ttaaacaata taatatattc taaacacaat gaaatagggа atataatgta tgaacttttt 1980
243 gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctcttac ctaataaaca 2040
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244 ttttatactg tttgtatgta taaaataaag gtgctgcttt agtttttttgg aaaaaaaaaa 2100
245 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactctagag tcgacctgca 2160
246 gaagcttggc cgccatggcc caacttgttt attgcagctt ataatg            2206
248 <210> SEQ ID NO: 4
249 <211> LENGTH: 379
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 4
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257 Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
258              20                  25                  30
260 Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
261          35                  40                  45
263 Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
264       50                  55                  60
266 Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
267  65                  70                  75                  80
269 Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
270               85                  90                  95
272 Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
273              100                 105                 110
275 Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
276             115                 120                 125
278 His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
279         130                 135                 140
281 Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
282 145                 150                 155                 160
284 Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
285             165                 170                 175
287 Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
288             180                 185                 190
290 Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
291         195                 200                 205
293 Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
294         210                 215                 220
296 Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
297 225                 230                 235                 240
299 Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
300             245                 250                 255
302 Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
303             260                 265                 270
305 Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
306         275                 280                 285
308 Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
309     290                 295                 300
311 Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
312 305                 310                 315                 320
314 His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/16/2005
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<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; N Pos. 33,37,80,94,144,188
Seq#:26; N Pos. 21
Seq#:50; N Pos. 61
Seq#:113; N Pos. 1461
Seq#:131; N Pos. 1837
Seq#:174; N Pos. 1683
Seq#:175; Xaa Pos. 539
Seq#:206; N Pos. 973,977,996,1003

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              VERIFICATION SUMMARY              DATE: 06/16/2005
              PATENT APPLICATION:  US/09/904,532B       TIME: 11:53:50

              Input Set : A:\CORRECTED SEQUENCE LISTING FROM 10466.14
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L:34 M:270 C: Current Application Number differs, Replaced Current Application Number
L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
M:341 Repeated in SeqNo=13
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:1707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:60
L:3592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:1440
L:4046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:1800
L:5350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174 after pos.:1680
L:5485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175 after pos.:528
L:6546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206 after pos.:960
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